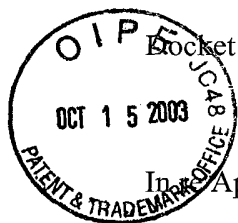


3724



Bracket No.: 43890-470

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Application of : Customer Number: 20277
: Confirmation Number: 7834
Kunio KISHIMOTO, et al. : Group Art Unit: 3724
Serial No.: 09/736,499 : Examiner: Timothy V. ELEY
Filed: December 15, 2000 :
For: METHOD OF MANUFACTURING A CIRCUIT BOARD AND ITS
MANUFACTURING APPARATUS

INFORMATION DISCLOSURE STATEMENT

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Dear Sir:

This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee.

**REQUEST TO CONSIDER REFERENCES AFTER CLOSE OF PROSECUTION AND
BEFORE PAYMENT OF ISSUE FEE**

The undersigned hereby requests consideration and entry of this Information Disclosure Statement and accompanying references under 37 CFR 1.97(d).

Please charge the processing fee under 1.17(p) of \$180.00 to Deposit Account 500417.

CERTIFICATION PARAGRAPH

The undersigned certifies that, to the best of his knowledge, each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement as described in 37 CFR 1.97(e)(1).

Each non-English language reference was cited in a corresponding foreign application search report or office action and its relevance discussed therein. A copy of the foreign search report or office action, together with an English language version thereof, is attached for the Examiner's information.

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.


Respectfully submitted,

MCDERMOTT, WILL & EMERY



Michael E. Fogarty
Registration No. 36,139

600 13th Street, N.W.
Washington, DC 20005-3096
(202) 756-8000 MEF:jgh
Facsimile: (202) 756-8087
Date: October 15, 2003

INFORMATION DISCLOSURE CITATION IN AN APPLICATION 				ATTY. DOCKET NO. 43890-470		SERIAL NO. 09/736,499	
				APPLICANT Kunio KISHIMOTO, et al.			
				FILING DATE December 15, 2000		GROUP 3724	
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code ² (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes - Number 4 - Kind Codes (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines Where Relevant Figures Appear
		JP 10-290072 with English abstract		10/27/1998	Matsushita Electric Inc. Co. Ltd.		Translation Yes No
		JP 01214093 English abstract		08/28/1989	Mitsubishi Electric Corp.		
	A2	EP 0 568 930 with English abstract		11/10/1993	Matsushita Electric Industrial Co., Ltd.		
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		JP 01258488 English abstract		10/16/1989	Elna Co. Ltd.,		
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
EXAMINER				DATE CONSIDERED			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.



P.B.5818 - Patentlaan 2
2280 HV Rijswijk (ZH)
☎ +31 70 340 2040
TX 31651 epo nl
FAX +31 70 340 3016

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Zweigstelle
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Recherchen-
abteilung

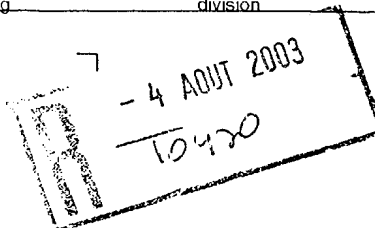
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Patent Office**

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Département à
La Haye
Division de la
recherche

Balsters, Robert
Novagraaf SA
25, Avenue du Pailly
1220 Les Avanchets - Geneva
SUISSE



18/9

Datum/Date

04.08.03

Zeichen/Ref./Réf. BB 46536	Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°. 00126465.4-2214-
Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	

COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☐ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

☐ abstract

☒ title

☒ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract:

1

REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 01, 29 January 1999 (1999-01-29) -& JP 10 290072 A (MATSUSHITA ELECTRIC IND CO LTD), 27 October 1998 (1998-10-27) * abstract; figures *	1-5, 44, 48	H05K3/40 H05K3/00
Y	----	6, 39-43, 45-47	
A	PATENT ABSTRACTS OF JAPAN vol. 013, no. 525 (E-850), 22 November 1989 (1989-11-22) & JP 01 214093 A (MITSUBISHI ELECTRIC CORP), 28 August 1989 (1989-08-28) * abstract *	1	
Y	----	6, 42, 47	
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A	US 5 965 043 A (NODDIN ET AL.) 12 October 1999 (1999-10-12) * claims *	1, 2, 6, 39, 40, 42	
Y	----	45	
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 17 July 2003	Examiner Mes, L
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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A	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 13, 30 November 1998 (1998-11-30) & JP 10 224015 A (MATSUSHITA ELECTRIC IND CO LTD), 21 August 1998 (1998-08-21) * abstract *	1-3,5,44	
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 17 July 2003	Examiner Mes, L
<div>CATEGORY OF CITED DOCUMENTS</div> <div>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</div> <div>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</div>			

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EPO FORM 1503 03.92 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 00 12 6465

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

17-07-2003

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